

GROUND REFERENCED PIXEL RESET

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Abstract

A ground referenced pixel reset circuit is disclosed.

5 The ground referenced pixel reset circuit supplies a pixel with a reset signal such that when the reset signal is asserted high, the reset signal is at a ground referenced reset voltage independent from a supply voltage. The pixel includes a photosensor, such as a photodiode, that is

10 coupled to a ground having a same potential as the ground of the reference voltage supply. In this manner, noise caused by fluctuations in the supply voltage is reduced.